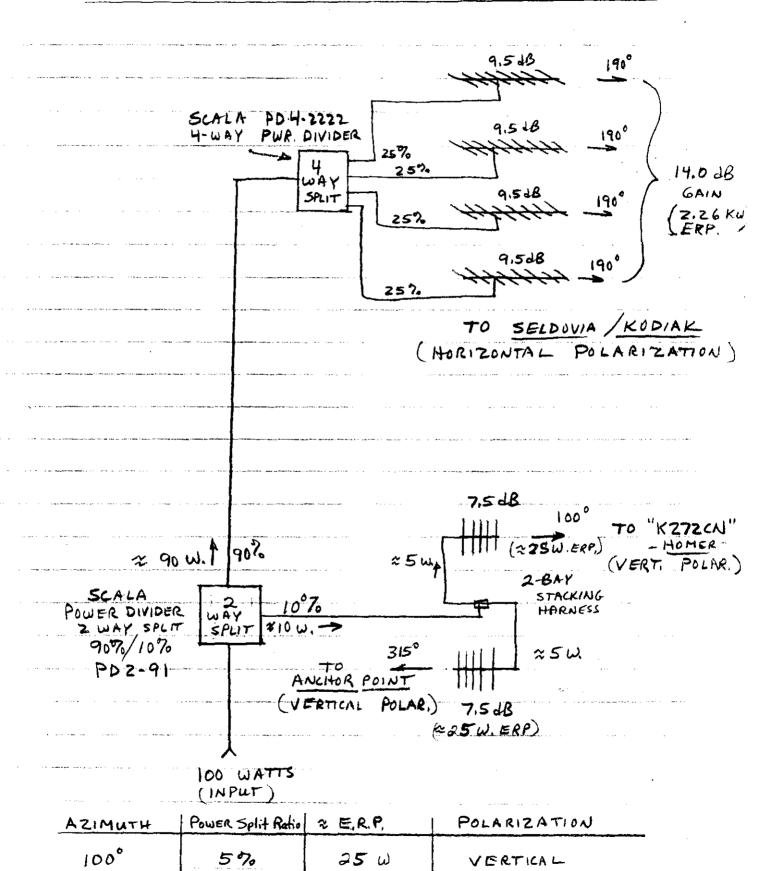
EXHIBIT A-3 (PAGE Z)

ANTENNA WIRING DIAGRAM-SCHEMATIC



2,26 KW

25 W

HORIZONTAL

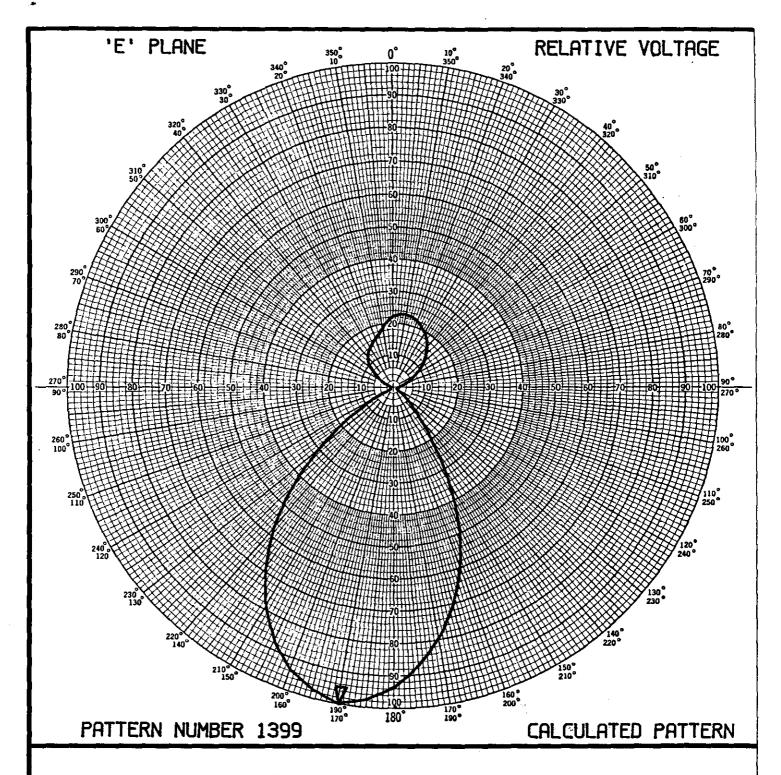
VERTICA L

190°

3150

90%

5 %





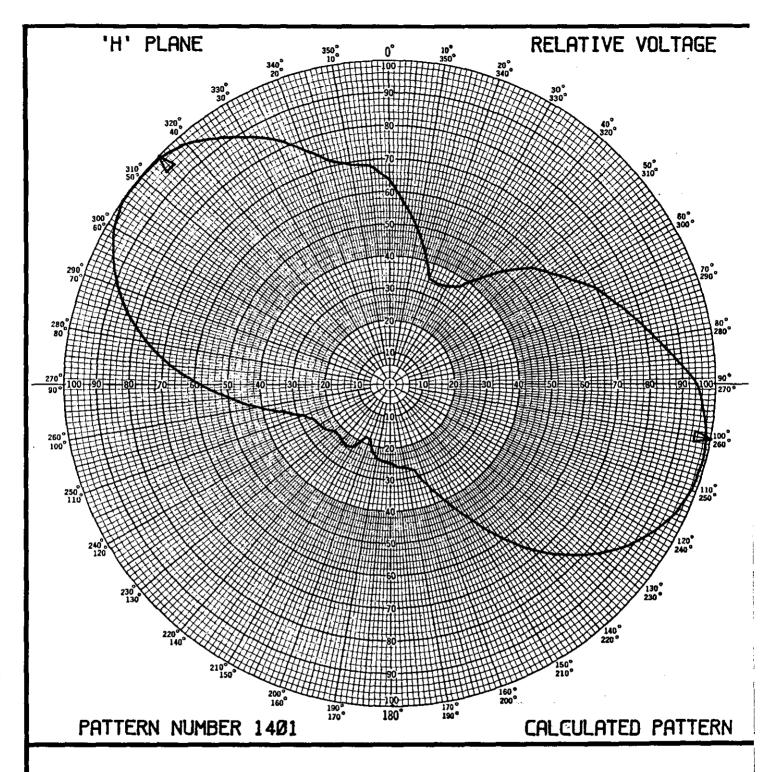
FOUR SCALA HDCA-10 YAGIS (FM)
ALL ORIENTED AT 190 DEGREES
MAXIMUM ARRAY GAIN: 14.0 dBd
WITH 90% POWER
HORIZONTAL POLARIZATION

EXHIBIT A-4 Page 1

EXHIBIT A-4 Page 2

PATTERN NUMBER 1399

AZIMUTH	RELATIVE VOLTAGE	RELATIVE DB	DBD
Ø	Ø.225	-13.0	1.0
1 Ø	Ø.233	-12.7	1.3
20	Ø.22Ø	-13.2	Ø.8
ZØ	Ø.195	-14.2	-Ø.2
40	Ø.16Ø	-15.9	-1.9
50	Ø.12Ø	-18.4	-4.4
60	Ø.Ø7Ø	-23.1	-9.1
フØ	Ø.Ø3Ø	-3Ø.5	-16.5
8ø	Ø.Ø15	-36.5	-22.5
9ø	Ø.Ø1Ø	-4Ø.Ø	-26.Ø
1 Ø Ø	Ø.Ø1Ø	-40.0	-26.Ø
110	0.010	-4Ø.Ø	-26.Ø
120	Ø. Ø1Ø	-4Ø . Ø	-24.Ø
13Ø	Ø. Ø5Ø	-26.Ø	-12.Ø
140	Ø.12Ø	-18-4	-4.4
15Ø	Ø.33Ø	-9 <u>-</u> 6	4.4
16Ø	ø.59Ø	-4.6	9.4
170	Ø.792	-2.Ø	12.0
18Ø	Ø.935	-Ø. 6	13.4
19Ø	1.000	Ø.Ø	14.Ø
200	Ø.938	-Ø.6	13.4
210	Ø.792	-2.Ø	12.0
220	Ø.58Ø	-4.7	9.3
23Ø	Ø.31Ø	-10.2	3.8
24Ø	ø.ø95	-2ø . 4	-6.4
25Ø	Ø.Ø1Ø	-4Ø . Ø	-26.Ø
26Ø	Ø.Ø1Ø	-4Ø.Ø	-26.Ø
27Ø	Ø.Ø1Ø	-4Ø.Ø	-26.Ø
28Ø	Ø-Ø1Ø	-40.0	-26.Ø
29Ø	Ø.Ø1Ø	-4Ø.Ø	-26.Ø
3ØØ	Ø. Ø3Ø	-3ø . 5	-16.5
31Ø	Ø. Ø8Ø	-21.9	-7.9
32Ø	Ø.125	-18.1	-4.1
33Ø	Ø.145	-16.8	-2.8
34Ø	Ø.165	-15.7	1 4 1 1 -1.7
35Ø	Ø. 19Ø	-14.4	-Ø.4





TWO SCALA HDCA-5 YAGIS (FM)
ORIENTED AT 100 AND 315 DEGREES
MAXIMUM ARRAY GAIN: -5.4 dBd
WITH 10% POWER
VERTICAL POLARIZATION

EXHIBIT A-4 Page 3

EXHIBIT A-4 Page 4

PATTERN NUMBER 1401

AZIMUTH	RELATIVE VOLTAGE	RELATIVE DB	DBD
Ø	Ø.64Ø	-3.9	-9.3
1Ø	Ø.493	-6.1	-11.5
20	Ø.351	-9.1	-14.5
ЗØ	Ø.351	-9.1	-14.5
4Ø	Ø.432	-7.3	-12.7
5Ø	Ø.568	-4.9	-1Ø.3
ЬØ	Ø.649	-3.8	-9.2
7Ø	Ø.739	-2.6	-8.Ø
₽Ø	Ø.829	-1.6	-7.Ø
9Ø	Ø.946	-Ø.5	-5.9
100	Ø.988	-Ø.1	-5.5
11Ø	Ø.985	-Ø. 1	-5.5
120	Ø . 933	-Ø.6	-6.0
13Ø	Ø.829	-1.6	-7.Ø
14Ø	Ø.676	-3.4	-8.8
15Ø	Ø.486	- 6. 3	-11.7
160	Ø.342	-9.3	-14.7
17Ø	Ø.266	-11.5	-16.9
18Ø	Ø.246	-12.2	-17.6
190	Ø.237	-12.5	-17.9
200	Ø.18Ø	-14.9	-20.3
210	Ø.225	-12.9	-18.3
220	Ø.23Ø	-12.8	-18.2
23ø	Ø.223	-13.0	-18.4
24Ø	Ø.25Ø	-12.Ø	-17.4
25Ø	Ø.279	-11.1	-16.5
260	Ø.41Ø	-7.7	-13.1
27Ø	Ø.582	-4.7	-10.1
28Ø	Ø.757	-2.4	-7.8
290	Ø.887	-1.0	-6.4
3 0 0	Ø.977	-Ø.2	-5.6
310	1.000	Ø.Ø	-5.4
32Ø	Ø.973	-Ø. 2 °	-5.6
33Ø	Ø.886	-1.1	-6.5
34Ø	Ø.775	-2.2	-7.6
350	Ø. 694	-3.2	-8.6

FCC FORM 346 8/7/86 Sec. VI, Para. 1(a)

EXHIBIT A-6

REQUEST FOR CHANGE IN TRANSMITTING FREQUENCY

Peninsula Communications, Inc. (PCI) currently holds a Construction Permit for K224BU FM Translator station on a frequency of 92.7 MHz. Unfortunately, when this frequency was selected, consideration was not made of the operating frequency of KGTL-FM on 103.5 MHz. The frequency difference is 10.8 MHz, which is very near the normal Intermediate Frequency ("IF") of all FM radios. PCI has encountered a problem of KGTL-FM blanketing interference (KGTL-FM is a 100 KW station) on radios in the immediate vicinity when the k224BU FM translator station is turned on due to the mixing of the two signals in the "front end" of nearby radios.

Therefore, the request here is to change <u>from 92.7 MHz to 99.3</u> MHz in order to eliminate this Intermodulation interference. This problem only exists on radios in the immediate vicinity of both K224BU and KGTL-FM, which are both located at the same site. However, the problem is severe enough to make monitoring both stations difficult. The easiest solution is to simply move K224BU to an unused channel, such as Channel 257A, 99.3 MHz. This will clear up the problem on all FM radios in the immediate vicinity of both the FM translator station and KGTL-FM.

Also requested in this modification request are some minor changes in the transmitting antenna array, as shown in Exhibit A-3,

receipt

Southmayd Powell & Taylor

ATTORNEYS AT LAW 1764 CHURCH STREET, N W WASHINGTON, DC 20036

(202) 797-8822

COPY

COUNSEL

GREGG R. POTVIN*

MICHAEL R. MILLER

*ADMITTED IN IDAHO ONLY

JEFFREY D SOUTHMAYD
RUSSELL C POWELL
WILLIAM L TAYLOR
STEPHEN C SIMPSON•

*ADMITTED IN MAIONLY

March 30, 1987

RECEIVED

MAR 3 0 1987

Mr. William J. Tricarico Secretary Federal Communications Commission 1919 M Street, N.W. Washington, D.C. 20554

FCC Office of the Secretary

Re: K257DB

Anchor Point-Seldovia, AK

Dear Mr. Tricarico:

Transmitted herewith, in triplicate, on behalf of Peninsula Communications, Inc. is an FCC Form 346 application seeking modification of the above-referenced facilities. The requested modification seeks (1) authority to construct a re-designed antenna system; (2) a waiver of Section 74.1235 of the Commission's Rules and Regulations to allow for power output of 100 watts; and, (3) a change of translator input to KPEN-FM "direct" on 107.7 MHz as opposed the previously proposed "intermediate translator" method.

Should you have any questions concerning this matter, please contact the undersigned.

Very truly yours,

Stephen C. Simpson

SCS/cmj

COMMISSION USE ONLY	
File No.	

APPLICATION FOR AUTHORITY TO CONSTRUCT OR MAKE CHANGES IN A LOW POWER TV, TV TRANSLATOR OR FM TRANSLATOR STATION (Carefully read instructions before filling out form—RETURN ONLY FORM TO FCC)

Sec	tion 1		G	ENERAL INFOR	IMATION					
1.		of Applicant N I N S U L	A COMMUNI	CATIO	N S, I N C.					
			. B O X 1 0 3			City				
6	61	4 ₁ 0 ₁ ,D ₁ 1 _A	MOND RIDGE	RD.	I HOWER	1.1.1.				
Sta	_		ZIP Code		Telephone No (907) 235		area code)			
Λ	K]		[31310]0[3]	- 	(307) 23.)-/331				
2.	This a	application is for: (d	check one box)							
X	FM Tr	ranslator	☐ Low Power Television	Lov (FCC	v Power TV-Subscription TV Capproved technical system	/ n)	☐ TV Transla	ator		
(a)	Chanr	nel No.	(b) Community of Licer	ise City		State				
2	<u>7،</u> 5	A	A N C HOR P	O.I.N.T	SELDOVIA	AK				
(c)	Check	k the appropriate b	oxes below:		•					
	(1)	New Station	*(2) Modification of Const		(CP) ered by an operating licens	e)	CP File	No.		
		Ö	(encon une con em)	х х х	·	-,	BMP·FT-86	081	.9	<u>г</u> С
	(3)	Change in license	ed facilities				Call Le	etters		
		☐ {check Majo	or or Minor)				K 257	DB		
		Major	Minor				Application Re	əferer	nce N	lo.
		*If the proposed of proposed protects	ending applications change is "minor" pursuant to ed signal contours as Exhibit t to a previously filed application	No			_		-	
3.	(a)	is this application	mutually exclusive with a ren	ewal application	?			Yes	Œ	Νo
	(b)	To the applicant's	knowledge, is this application uestion 3(a) or 3(b) is Yes, sta	nutually exclute the the following	sive with another application information.	n(s)?		Yes	(X)	No
		Call letters	or File No.		Community of Licer	se				
, .			1		City			F	Sta	ate
(a)									L	لـــا
(p)								لــ	L_	Ш
		0	•						FCC April	

GENERAL INFORMATION

	Y	ES	NO
4.	(a) Is translator applicant the licensee of primary station?	苡	
	(b) If answer to 4(a) is No, has written authority been obtained from the licensee of the station whose programs are to be retransmitted?	0	0
5	Station Identification.		
	The Applicant certifies that it will comply with applicable station identification rules. See Sections 73.1201, 74.783 and 74.1283 of the Commission's Rules.	Ø	
6.	Is type approved broadcast equipment being specified?	Ø	
	If No, indicate date equipment was submitted to FCC Laboratory for approval.		
7.	Would a Commission grant of your application be a major action as defined by Section 1.1305 of the of the Commission's Rules? None of the provisions of Section 1.1305(a) is applicable		80
	If Yes, attach as Exhibit No the required statement in accordance with Section 1.1311 of the Commission's Rules.		
	If No. explain briefly.		
8.	If the application is for a new FM translator, have any funds, legal or engineering services or anything else of value been furnished, directly or indirectly, by the licensee, or permittee of any FM broadcast station or any person associated with such station?	Ø	0
	If Yes, attach an explanation as Exhibit No. $-A-5$, identifying the source and nature of the financial support or assistance.		
	Applicant is licensee of primary station, KPEN-FM		

FCC 346 (Page 2) April 1985 1. Facilities, requested:

a.	Output Channel No.	Transmitter Ra Power Outpu		Pro	posed Principal Com	nmunity(ies) to City	be served	State
	257A	100	* * *	LA	NCHOR P	OINT	- SELDOV	IAAK
	Frequency	99 · 3 MHz.	* SEE	EXH I B	IT A-1 &	EXHIBIT	A-6	
	Primary station (s	lation to be rebroadcast	— Transla	tor static	n only)			
K	Call Sign PEN(FM)	[S ₁ O ₁ L ₁ D ₁ O ₁ T ₁ N	Ci I A	ty		State	Frequ 101.	
b.	·	TV and TV Translator S	tations onl	y)		c. Inpul	t Channel Frequency	
		one of the following) Zero offset 🔲 Piu	is offset		linus offset	No. 269A	- 10	1 7 MHz.
) f	station is to operate vi	a another translator sta	tion, indica	te call si	on and location of fin	nat intermediat	e translator.	
			,		•			
2. Pr	roposed transmitter loc	cation:		····				
LH'O	M _I E ₁ R ₁	City		<u>l</u>		State {A_K}		
ιK, E		County , I , N , S, U , L , A , , E		и ИGН				
A	ddress or other descrip				Geo	graphical coor	dinates of transmitti	ng antenna
1	66140 Diamon	d Ridge Road				earest second	Mant L	- naituda
	HOMER, ALASK	A				orth Latitude ' [4_1] ' [0	3]" [1,5,1]° [ongitude 3_7_1' [5_1]''
	ttach as Exhibit No f the area of the propo	A-2 a map sed transmitter location	-		topographic, if obtain on the following data		Geological Survey qu	uadrangles) for
a. b		er location accurately p	lotted.			-	unity to be served by dentified and labeled	
		Make			Type No.	Length	Output P	ower
3. T	ransmitter;	QEI Corp			50A Amplifier		0.100 0.010	kw.
4. T	ransmission line:	TEPCO Cor CABLEWAVE	р	J-317 FLC	Robt. Jones 12-50J	50 ft.	Rated efficiency E I (decimal fr	
5. T	ransmitting antenna] Non-	Directional			
~	Manufa		IID CA		Model ¹	2 sta	ck ed plusel e	ment Yagi'
	CALA ELECTRO				& HDCA-5	<u> 2 sta</u>	<u>cked 5 ele</u>	<u>ment Yag</u> i'
100°	Orientation? He	ight above ground ³ 62 ft.	Elevation o 1135		radia		er) in lobe of maxim o a halfway dipole.5	nw
	Effective radiated (ERP=P X E X G)	power (ERP)			enna radiation cente		sea level1187	ft.

azimun.

Show height to topmost portion of structure, including highest top mounted antenna and beacon if any.

Show the ground elevation above mean sea level at the base of the transmitting antenna supporting structure.

⁵Give the actual power gain toward the radio horizon.

 $(\underline{\omega}_{i})_{i}$

Give basic type using general descriptive terms such as half-wave dipole, "bow-tie" with screen, comer reflector, 10 element Yagi, 4 element in-phase array, two stacked 5 element Yagis, etc.

Show the direction of the main radiation lobe in degrees with respect to true north in a 360 degree horizontal azimuth, numbered clockwise, with true north as zero

FM TRANSLATOR K296BH Alaska Village Missions, Inc. 8. Attach as Exhibit No. A-4 a polar diagram of the radiation pattern (relative field) of the transmitting antenna showing clearly the correct relationship between the major lobe or lobes and the minor lobes of radiation and a tabulation of the pattern at every ten degrees and all maxima and minima. Applicants proposing use of multiple transmitting antennas shall submit a composite radiation pattern. If a non directional transmitting antenna will be employed, i.e. an antenna with an approximately circular radiation pattern, check here □ and omit polar diagram. 9. Has FAA been notified of proposed construction? (NOT REQUIRED) If Yes, give date and office where notice was filed. 10. Unattended operation: a. Is unattended operation proposed? If Yes, and this application is for authority to construct a new station or to make changes in the facilities of an which proposes unattended operation for the first time, applicant will comply with the several requirements of translators) or Section 74.1234 (FM Translators) of the Rules concerning unattended operation. b. In space below state name, address and telephone number of a person or persons who may be contacted in suspend operation of the translator should such action be deemed necessary by the Commission. Name Address (street or other description) City State Telephon (include a P. O. BOX 103 1. Devid F. Becker 66140 Diamond Ridge Rd., Homer, Alaska (907)	Ŭ YES □ YES	D NO 20 20 00 00 00 00 00 00 00 00 00 00 00
FM TRANSLATOR K296BH Alaska Village Missions, Inc. 8. Attach as Exhibit No. A-4 a polar diagram of the radiation pattern (relative field) of the transmitting antenna showing clearly the correct relationship between the major lobe or lobes and the minor lobes of radiation and a tabulation of the pattern at every ten degrees and all maxima and minima. Applicants proposing use of multiple transmitting antennas shall submit a composite radiation pattern. If a non directional transmitting antenna will be employed, i.e. an antenna with an approximately circular radiation pattern, check here □ and omit polar diagram. 9. Has FAA been notified of proposed construction? (NOT REQUIRED) If Yes, give date and office where notice was filed. 10. Unattended operation: a. Is unattended operation proposed? If Yes, and this application is for authority to construct a new station or to make changes in the facilities of an which proposes unattended operation for the first time, applicant will comply with the several requirements of translators) or Section 74.1234 (FM Translators) of the Rules concerning unattended operation. b. In space below state name, address and telephone number of a person or persons who may be contacted in suspend operation of the translator should such action be deemed necessary by the Commission. Name Address (street or other description) City State Telephon (include a P. O. BOX 103 1. Devid F. Becker 66140 Diamond Ridge Rd., Homer, Alaska (907)	□ YES	Ø 100
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Name Address (street or other description) City State Telephon (include a P. O. BOX 103 (907)	Section 7	'4.734 (TV
David F. Becker 66140 Diamond Ridge Rd., Homer, Alaska P. O. BOX 103 (907) I certify that I represent the applicant in the capacity indicated below and that I have examined the foregoing statement of te	e No.	
P. O. BOX 103 (907) I certify that I represent the applicant in the capacity indicated below and that I have examined the foregoing statement of te		•
I certify that I represent the applicant in the capacity indicated below and that I have examined the foregoing statement of te	235-	7551
and that it is true to the best of my knowledge and belief.	echnicali	nformation
Devid FBecker 3/17/87 (907) 235-7551		
Signature (Print name below) Date Telephone No. (include area code) avid F. Becker		
☐ Technical Director ☐ Registered Professional Engineer ☐ Consulting E	ingineer	
☐ Other (specify)		

United States of America FEDERAL COMMUNICATIONS COMMISSION

File No.: BMPFT-860819 TC

Call Sign: K 257 DB

CONSTRUCTION PERMIT

BROADCAST TRANSLATOR STATION

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to conditions set forth in this permit, the permittee is hereby authorized to construct a station hereinafter described.

1.	Name of Permittee	PENINSULA COMMUNICATIONS, INC.
2.	Principal community to be served:	ANCHOR POINT, SELDOVIA, AK
3.	Primary station:	KPEN 269 SOLDOTNA, AK
4.	Via:	K 285 CZ, STARISKI CREEK, AK
5.	Operating assignment:	Channel 257A 99.3 MHZ
6.	Hours of operation:	Unlimited.
7.	Transmitter	ТЕРСО Ј 317
8.	Transmitter power output	10 watts EACH OUTPUT
9.	Transmitting antenna location:	66140 DIAMOND RIDGE ROAD, HOMER, AK
10.	North Latitude	
11.	Transmitting Antenna	SCALA HDCA-5 & 10
	Antenna supporting structure:	
13.	Overall height above ground:	62 FEET
	Main radiation lobe oriented:	
15.	Obstruction marking specifications:	In accordance with the following paragraphs of FCC Form 715 (attached):
16.	Conditions	SEE ATTACHED SHEET)

5-20-87 17. Date of required completion of construction

This permit DOES NOT AUTHORIZE OPERATION OF THE FACILITIES SPECIFIED HEREIN except for the conduct

of EQUIPMENT TESTS pursuant to Section 74.13 of the Commission's Rules.

This permit shall be automatically forfeited if the station is not ready for operation within the time specified or within such further time as the Commission may allow for good cause shown.

> **FEDERAL** COMMUNICATIONS COMMISSION



11-20-86 Dated:

CONDITION

In accordance with Section 1.110 of the Rules, this grant at a power level of ten watts in lieu of the proposed 100 W operation will be considered a grant, unless within 30 days of the date of this grant, the applicant files a written request rejecting the grant as made. Upon receipt of such a rejection, the grant will be set aside and the application designated for hearing. If the grant is accepted as made, technical changes in the proposed operation may be reflected in the covering license application (FCC FORM 347).

Section	n VII	Equal Employment Opportunity Program		
	Does the applica	ant propose to employ five or more fulltime employees?	☐ YES	₩ NO
	If the answer is	Yes, the applicant must include an EEO program called for in the separate 5 Point Model EEO	Program.	
Sectio	n VIII	Certification		
	Has or will the a nission's Rules?	applicant comply with the public notice requirement of Section 73.3580 of the	□ YES	□ NO
becau	se of the previo	Thereby waives any claim to the use of any particular frequency as against the regulatory power ous use of the same, whether by license or otherwise, and requests an authorization in ion 304 of the Communications Act of 1934, as amended.)		
sentat		T acknowledges that all the statements made in this application and attached exhibits are cons I exhibits are a material part hereof and incorporated herein.	idered mate	rial repre-
other		T represents that this application is not filed for the purpose of impeding, obstructing, or delaying which it may be in conflict.	determinati	on on any
throug		with Section 1.65 of the Commission's Rules, the APPLICANT has a continuing obligation to ac of any substantial and significant changes in information furnished.	dvise the Co	mmission,
	WILLFU	IL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND IMPRISON U.S. CODE, TITLE 18, Section 1001.	NMENT.	
good		statements in this application are true, complete, and correct to the best of my knowledge and	belief, and ar	e made in
	d and dated this	\bigcirc $\land \land \vdash \bigcirc$ \land		
PEN		COMMUNICATIONS, INC. Name of Applicant Signature David F.Becker President		

FCC NOTICE TO INDIVIDUALS REQUIRED BY PRIVACY ACT AND THE PAPERWORK REDUCTION ACT

The solicitation of personal information requested in this application is authorized by the Communications Act of 1934, as amended. The principal purpose for which the information will be used is to determine if the benefit requested is consistent with the public interest. The staff, consisting variously of attorneys, analysts, engineers and application examiners, will use the information to determine whether the application whould be granted, denied, dismissed, or designated for hearing. If all the information requested is not provided, the application may be returned without action having been taken upon it or its processing may be delayed while a request is made to provide the missing information. Accordingly, every effort should be made to provide all necessary information. Your response is required to obtain the requested Authority.

THE FOREGOING NOTICE IS REQUIRED BY THE PRIVACY ACT OF 1974, P.L. 93-579, DECEMBER 31, 1974, 5 U.S.C. 552a(e)(3) AND THE PAPERWORK REDUCTION ACT OF 1980, P.L. 96-511, DECEMBER 11, 1980, 44 U.S.C. 3507.

Title

FCC FORM 346 1/25/86 Sec. VI, Para 1(a)

EXHIBIT A-1

REQUEST FOR WAIVER OF SECTION 74.1235

Applicant hereby requests a waiver of Section 74.1235 of the Commission Rules, which limits power output to 10 watts. Applicant requests 100 watts TPO to enable wider area coverage consistent with waivers granted other Alaska FM translator stations:...for example:

K249BY	Alaska Village Missions, Inc.	Kenai-Soldotna, Alasks
K285AA	Kodiak Community Church, Inc.	Kodiak. Alaska
K296DC	Kodiak Community Church, Inc.	Kodiak, Alaska
K252CF	KSRM, Inc.	Homer, Alaska
K261BE	Community Baptist Church, Inc.	Dillingham, Alaska
K265B]	Peninsula Communications, Inc.	Kenai-Soldotna, Alaska

All the above FM Translator stations have been authorized 100 watts transmitter output power.

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FCC FORM 346 EXHIBIT A-2 Section VI (#2) SELDOVIA (C-5) QUADRANGLE 1/25/86 ALASKA-KENAI PENINSULA BOROUGH 151° 37′51" 1:63:360 SERIES (TOPOGRAPHIC) 35' R. 14 W. ISELDOVIA D-5) 220 000 FEET 805 x <u>)</u>6 2 100 000 FEET 20 30-TO Mountair ANCHOR POINT 315 32 Rid ge EXISTING FM TRANSLATOR SITE "K296B**H**" 59° 41'03 \log_2 Diamond' Ridge 190° TO SELDOV IA Beluga LakeSELDOVIA C-SCALE 1:63360 18000 21000 FEET 5 KILOMETERS : ; ; (CONTOUR INTERVAL 100 FEET NATIONAL GEODETIC VERTICAL DATUM OF 1929

DEFTH CURVES IN FEET-DATUM IS MEAN LOWER LOW WATER
SHORELME SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RAMGE OF TIDE IS APPROXIMATELY IS FEET MARM STAMIKORPHA FOR SALE BY IL & CENTACION CHE

EXHIBIT A-3 (PAGE 1)

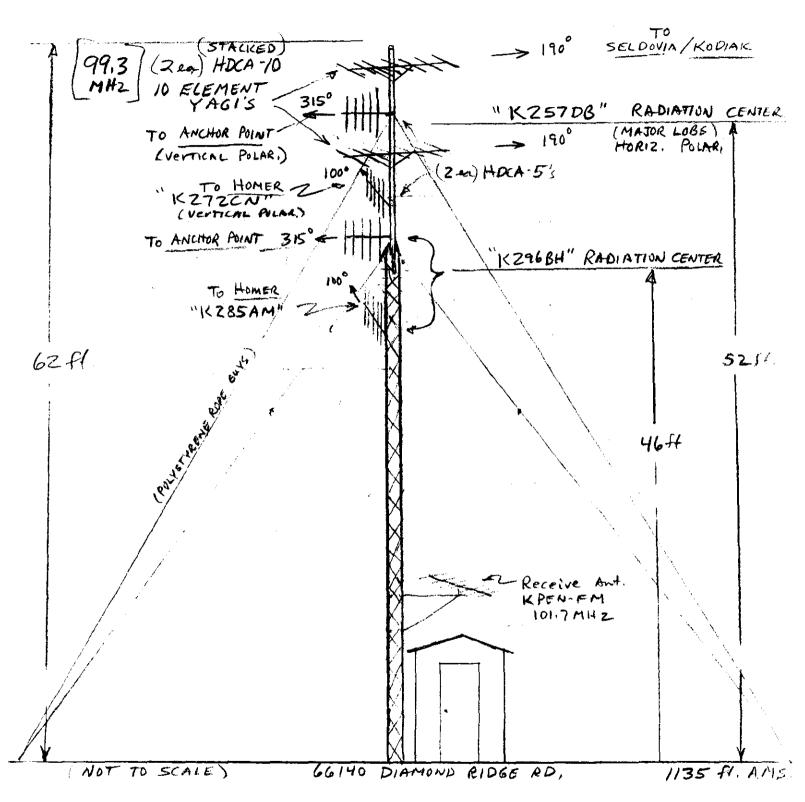
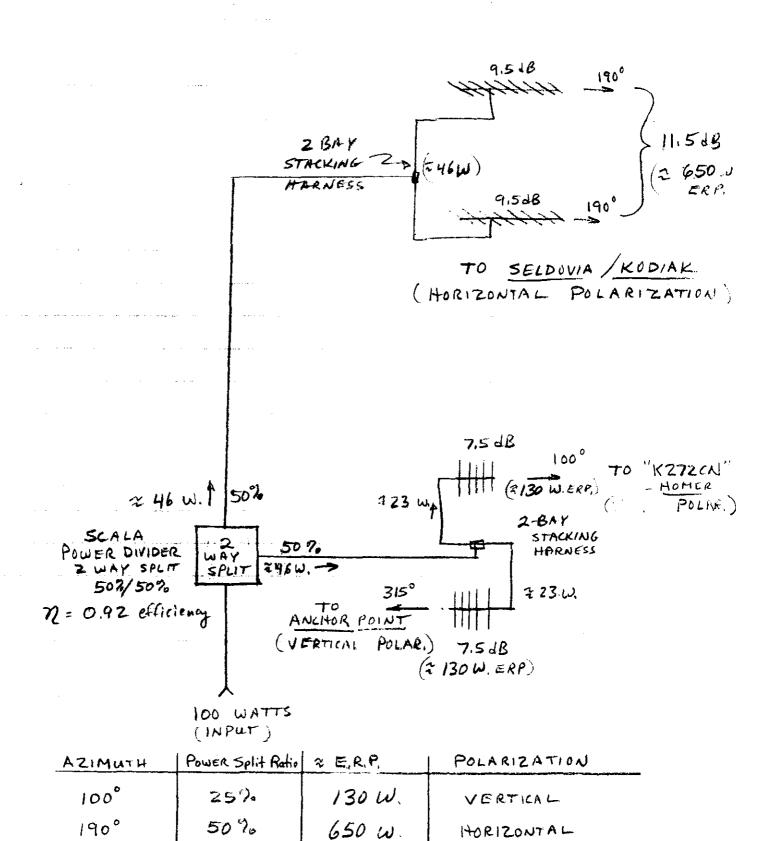


EXHIBIT A-3 PROPOSED ANTENNA STRUCTURE
VERTICAL PLAN SKETCH

FCC FORM 346

N. LAT. 59° 41' 03" W. LONG. 151° 37' 51"

WIRING DIAGRAM-SCHEMATIC ANTENNA



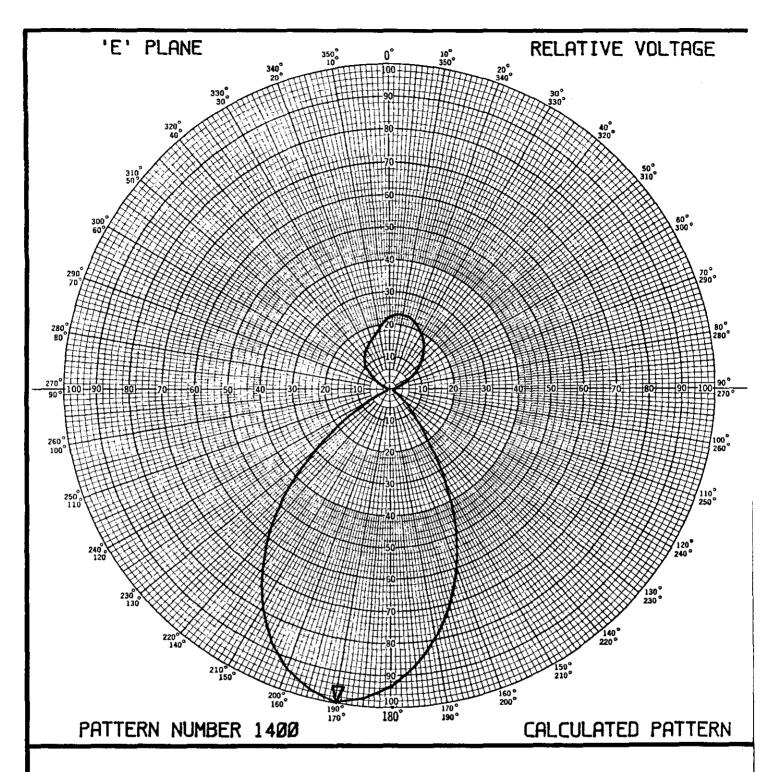
130 W.

3150

25%

HORIZONTAL

VERTICA L



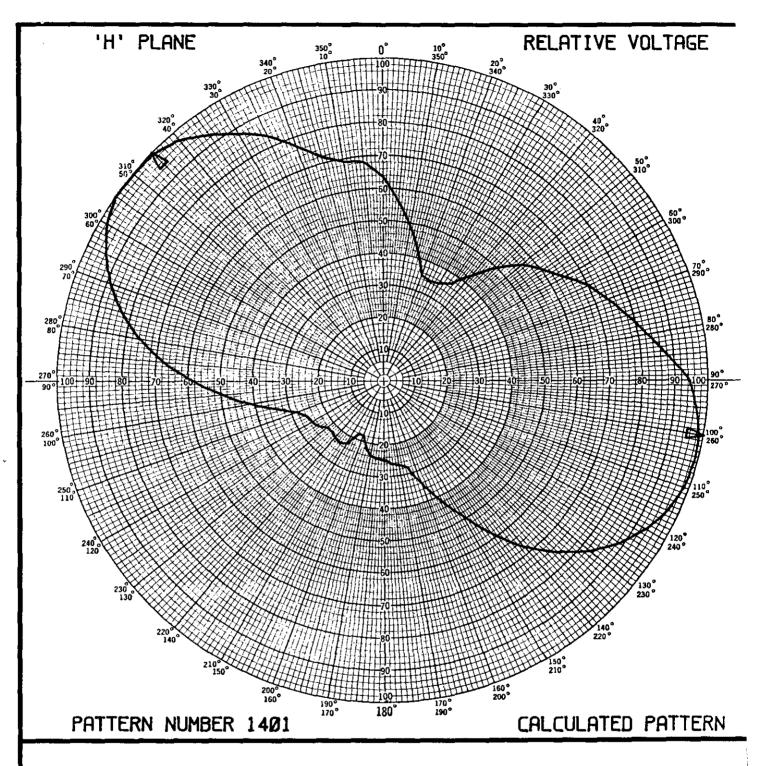
SCALA
ELECTRONIC CORPORATION
POST DIFFICE BOX 4580
MEDIFORD, OREGON 97501
(503) 779-6500
TELEX: 151681

TWO SCALA HDCA-10 YAGIS (FM)
BOTH ORIENTED AT 190 DEGREES
MAXIMUM ARRAY GAIN: 11.5 dBd
WITH \$0% POWER
HORIZONTAL POLARIZATION

EXHIBIT A-4 page 1

PATTERN NUMBER 1400

AZIMUTH	RELATIVE VOLTAGE	RELATIVE DB	DBD
Ø	Ø.225	-13.Ø	-1.5
1Ø	Ø.233	-12.7	-1.2
2Ø	Ø.22Ø	-13.2	-1.7
3∅	Ø.195	-14.2	-2.7
4Ø	Ø.16Ø	-15.9	-4.4
5Ø	Ø.12Ø	-18.4	-6.9
ଧ୍ୟ	Ø.07Ø	-23.1	-11.6
7ø	Ø.03Ø	-3Ø.5	-19.Ø
8ø	Ø.Ø15	-36.5	-25.Ø
9ø	Ø.Ø1Ø	-40.0	-28.5
100	Ø.Ø1Ø	-4Ø.Ø	-28.5
110	Ø.Ø1Ø	-40.0	-28.5
120	Ø.Ø1Ø	-40.0	-28.5
130	Ø.Ø5Ø	-26.Ø	-14.5
140	Ø.12Ø	-18.4	– ሬ.
15Ø	Ø.33Ø	-9.6	1.9
160	Ø.59Ø	-4.6	6.9
17Ø	ø . 79 2	-2.Ø	9.5
18Ø	Ø.935	-ø.6	10.9
190	1.000	Ø.Ø	11.5
200	Ø.938	-Ø.6	10.9
210	Ø.792	-2.0	9.5
22Ø	Ø.58Ø	-4.7	6.8
23Ø	Ø.31Ø	-10.2	1.3
240	Ø.Ø95	-2Ø . 4	-8.9
25Ø	Ø.Ø1Ø	-4Ø.Ø	-28.5
260	Ø.Ø1Ø	-40.0	-28.5
27Ø	Ø.Ø1Ø	-40.0	-28.5
28Ø	Ø.Ø1Ø	-40.0	-28.5
29ø	Ø.Ø1Ø	-4Ø.Ø	-28.5
300	0.0 30	-30.5	-19.Ø
310	Ø.Ø8Ø	-21.9	-1Ø.4
32Ø	Ø.125	-18.1	-6.6
330	Ø.145	-16.8	-5.3
340	Ø.165	-15.7	-4.2
350	Ø.19Ø	-14.4	-2.9





TWO SCALA HDCA-5 YAGIS (FM)
ORIENTED AT 100 AND 315 DEGREES
MAXIMUM ARRAY GAIN: 4.5 dBd (NET)
(WITH \$0.3 POWER)
VERTICAL POLARIZATION

EXHIBIT A-4 Page 3

FCC FORM 346 1/25/86 Sec. I, Para. 8

EXHIBIT A-5

"SOURCE AND NATURE OF FINANCIAL SUPPORT OR ASSISTANCE"

Applicant is licensee of primary station KGTL-FM. Applicant will be translating within primary stations predicted 1 MV/M signal contour in order to correct signal deficiencies due to mountainous terrain which obstructs primary station's signal. This operation is permitted under FCC Rules, Section 74.1232 para. (e). Therefore, all funds, legal and engineering services will be provided by the licensee of the primary station to build the FM translator station as permitted by the FCC Rules.

FCC FORM 346 3/17/87 SEC. VI

EXHIBIT A-6

Peninsula Communications, Inc. (PCI) currently holds a Construction Permit for K257DB FM Translator station on 99.3 MHz. Although a waiver was requested for an output power of 100 watts, the CP was granted for only 10 watts because the previously proposed antenna system would have resulted in an Effective Radiated Power of 2.25 Kw. This ERP was not granted and therefore only 10 watts was allowed in the current authorization.

Therefore, this application is for a re-designed antenna system which reduces the ERP on the major lobe to 0.65 Kw (from 2.25 Kw), which is well within previous ERP levels granted to PCI for other FM translator stations. For example, K285CZ and K228CQ, both at 0.829 Kw each have been granted.

The only other significant change is the translator input is changed to KPEN-FM <u>direct</u> (not via an intermediate translator as previously proposed) on a frequency of 101.7 MHz.

receipt

SOUTHMAYD POWELL & TAYLOR

ATTORNEYS AT LAW

WASHINGTON, DC 20036

(202) 797-8822



COUNSEL
GREGG R. POTVIN*

MICHAEL R. MILLER
*ADMITTED IN IDAHO ONLY

JEFFREY D SOUTHMAYD
RUSSELL C POWELL
WILLIAM L TAYLOR
STEPHEN C. SIMPSON*

*ADMITTED IN MA ONLY

December 17, 1986

Mr. William J. Tricarico Secretary Federal Communications Commission 1919 M Street, N.W. Washington, D.C. 20554

Re: K265CK

Kachemak City, AK

Dear Mr. Tricarico:

Transmitted herewith, in triplicate, on behalf of Peninsula Communications, Inc. is an FCC Form 347 license application for the above-referenced station.

Should you have any questions concerning this matter, please contact the undersigned.

Very truly yours,

Stephen C. Simpson

SCS/cmj